will have no difficulty absorbing these aircraft into their armed forces.

The proposed sale of this equipment and support represents a significant increase in capability and will alter the regional military balance.

The prime contractors will be Lockheed Martin Aeronautics Company, Fort Worth, TX; and Pratt & Whitney Military Engines, East Hartford, CT. There are no known offset agreements proposed in connection with this potential sale. However, the purchaser typically requests offsets. Any offset agreements will be defined in negotiations between the purchaser and the contractor(s).

Implementation of this proposed sale may require the assignment of U.S. Government or contractor representatives to the UAE. Implementation of this proposed sale will require multiple trips to the UAE involving U.S. Government and contractor representatives for technical reviews/support, program management, and training over the life of the program. U.S. contractor representatives will be required in the UAE to conduct Contractor Engineering Technical Services (CETS) and Autonomic Logistics and Global Support (ALGS) for after-aircraft delivery.

There will be no adverse impact on U.S. defense readiness as a result of this proposed sale.

TRANSMITTAL NO. 21–01

Notice of Proposed Issuance of Letter of Offer Pursuant to Section 36(b)(1) of the Arms Export Control Act

Annex Item No. vii

(vii) Sensitivity of Technology:

1. The F–35A Conventional Take Off and Landing {CTOL) aircraft is a single-seat, single engine, all-weather, stealth, fifth-generation, multirole aircraft. The F–35A contain sensitive technology, including the low observable airframe/outer mold line, the Pratt & Whitney F135 engine, AN/APG–81 radar, an integrated core processor central computer, a mission systems/electronic warfare suite, a multiple sensor suite, technical data/documentation, and associated software. Sensitive elements of the F35A are also included in operational flight and maintenance trainers. Sensitive elements of the F–35A CTOL aircraft include hardware, accessories, components, and associated software for the following major subsystems:

a. The Pratt and Whitney F 135 engine is a single 40,000-pound thrust class engine designed for the F–35 and assures highly reliable, affordable performance. The engine is designed to be utilized in all F–35 variants, providing unmatched commonality and supportability throughout the worldwide base of F–35 users.

b. The AN/APG–81 Active Electronically Scanned Array (AESA) is a high processing power/high transmission power electronic array capable of detecting air and ground targets from a greater distance than mechanically scanned array radars. It also contains a synthetic aperture radar (SAR), which creates high-resolution ground maps and provides weather data to the pilot, and provides air and ground tracks to the mission system, which uses it as a component to fuse sensor data.

c. The Electro-Optical Targeting System (EOTS) provides long-range detection and tracking, as well as an infrared search and track (IRST) and forward-looking infrared (FLIR) capability for precision tracking, weapons delivery, and bomb damage assessment (BOA). The EOTS replaces multiple separate internal or podded systems typically found on legacy aircraft.

d. The Electro-Optical Distributed Aperture System (EODAS) provides the pilot with full spherical coverage for air-to-air and air-to-ground threat awareness, day/night vision enhancements, a fire control capability, and precision tracking of wingmen/friendly aircraft. The EODAS provides data directly to the pilot's helmet as well as the mission system.

e. The Electronic Warfare (EW) system is a reprogrammable, integrated system that provides radar warning and electronic support measures (ESM), along with a fully integrated countermeasures (CM) system. The EW system is the primary subsystem used to enhance situational awareness, targeting support and self-defense through the search, intercept, location and identification of in-band emitters and to automatically counter infrared (IR) and radio frequency (RF) threats.

f. The Command, Control, Communications, Computers and Intelligence/Communications, Navigation, and Identification (C4I/CNI) system provides the pilot with unmatched connectivity to flight members, coalition forces, and the battlefield. It is an integrated subsystem designed to provide a broad spectrum of secure, anti-jam voice and data communications, precision radio navigation and landing capability, self-identification, beyond visual range target identification, and connectivity to off-board sources of information. It also includes an inertial navigation and global positioning system (GPS) for precise location information. The functionality is tightly integrated within the mission system to enhance efficiency.

g. The aircraft C4I/CNI system includes two data links, the Multi-Function Advanced Data Link (MADL) and Link 16. The MADL is designed specifically for the F–35 and allows for stealthy communications between F–35s. Link 16 data link equipment allows the F–35 to communicate with legacy aircraft using widely-distributed J-series message protocols.

h. The F–35 Autonomic Logistics Global Sustainment (ALGS) provides a fully integrated logistics management solution. ALGS integrates a number of functional areas, including supply chain management, repair, support equipment, engine support, and training. The ALGS infrastructure employs a state-of-the-art information system that provides real-time, decision-worthy information for sustainment decisions by flight line personnel. Prognostic health monitoring technology is integrated with the air system and is crucial to predictive maintenance of vital components.

i. The F–35 Operational Data Integrated Network (ODIN) provides an intelligent information infrastructure that binds all the key concepts of ALGS into an effective support system. ODIN establishes the appropriate interfaces among the F–35 Air Vehicle, the warfighter, the training system, government information technology (IT) systems, and supporting commercial enterprise systems. Additionally, ODIN provides a comprehensive tool for data collection and analysis, decision support and action tracking.

j. The F–35 Training System includes several training devices to provide integrated training for pilots and maintainers. The pilot training devices include a Full Mission Simulator (FMS) and Mission Rehearsal Trainer (MRT). The maintainer training devices include an Aircraft Systems Maintenance Trainer (ASMT), Ejection System Maintenance Trainer (ESMT), Outer Mold Line (OML) Lab, Flexible Linear Shaped Charge (FLSC) Trainer, F135 Engine Module Trainer, Weapons Loading Trainer (WLT), and other training devices. The F–35 Training System can be integrated, where both pilots and maintainers learn in the same Integrated Training Center (ITC).

k. Other subsystems, features, and capabilities include the F–35's low observable air frame, Integrated Core Processor (ICP) Central Computer, Helmet Mounted Display System (HMDS), Pilot Life Support System (PLSS), Mission Planning System Environment (MPSE), and publications/maintenance manuals. The HMDS provides a fully sunlight readable, bi-ocular display presentation of aircraft information projected onto the pilot's helmet visor. The use of a night vision camera integrated into the helmet eliminates the need for separate Night Vision Goggles. The PLSS provides a measure of Pilot Chemical, Biological, and Radiological Protection through use of an On-Board Oxygen Generating System (OBOGS) and an escape system that provides additional protection to the pilot. OBOGS takes the Power and Thermal Management System (PTMS) air and enriches it by removing gases (mainly nitrogen) by adsorption, thereby increasing the concentration of oxygen in the product gas and supplying breathable air to the pilot. The MPSE provides a mission planning, mission briefing, and a maintenance/intelligence/tactical debriefing platform for the F–35.

2. The Reprogramming Center is located in the United States and provides F–35 customers a means to update F–35 electronic warfare databases.

3. The highest level of classification of defense articles, components, and services included in this potential sale is SECRET.

4. If a technologically advanced adversary were to obtain knowledge of the specific hardware and software elements, the information could be used to develop countermeasures that might reduce weapon system effectiveness or be used in the development of a system with similar or advanced capabilities.

5. A determination has been made that the United Arab Emirates can provide substantially the same degree of protection for the sensitive technology being released as the U.S. Government. This sale is necessary in furtherance of the U.S. foreign policy and national security objectives outlined in the Policy Justification.

6. All defense articles and services listed in this transmittal are authorized for release and export to the Government of the United Arab Emirates.

ARMS SALES NOTIFICATION

Mr. RISCH. Madam President, section 36(b) of the Arms Export Control Act requires that Congress receive prior notification of certain proposed arms sales as defined by that statute. Upon such notification, the Congress has 30 calendar days during which the sale may be reviewed. The provision stipulates that, in the Senate, the notification of proposed sales shall be sent to the chairman of the Senate Foreign Relations Committee.

In keeping with the committee's intention to see that relevant information is available to the full Senate, I ask unanimous consent to have printed in the RECORD the notifications which have been received. If the cover letter references a classified annex, then such annex is available to all Senators in the office of the Foreign Relations Committee, room SD–423.

There being no objection, the material was ordered to be printed in the RECORD, as follows:

DEFENSE SECURITY COOPERATION AGENCY,
Arlington, VA.

Hon. JAMES E. RISCH,
Chairman, Committee on Foreign Relations, U.S. Senate, Washington, DC.

DEAR MR. CHAIRMAN: Pursuant to the reporting requirements of Section 36(b)(5)(C) of the Arms Export Control Act (AECA), as amended, we are forwarding Transmittal No. 21–0A. This notification relates to enhancements or upgrades from the level of sensitivity of technology or capability described in the Section 36(b)(1) AECA certification 17–20 of March 7, 2018.

Sincerely,

HEIDI H. GRANT,
Director.

Enclosures.

TRANSMITTAL NO. 21–0A

Report of Enhancement or Upgrade of Sensitivity of Technology or Capability (Sec. 36(b)(5)(C), AECA)

(i) Purchaser: Government of the United Arab Emirates.

(ii) Sec. 36(b)(1), AECA Transmittal No.: 17–20.

Date: March 7, 2018.

Military Department: Navy.

(iii) Description: On March 7, 2018, Congress was notified by Congressional certification transmittal number 17–20 of the possible sale under Section 36(b)(1) of the Arms Export Control Act of three hundred (300) AIM–9X–2 Sidewinder Block II All-Up-Round Missiles; forty (40) AIM–9X–2 Sidewinder Captive Air Training Missiles (CATMs); thirty (30) AIM–9X–2 Block II Tactical Guidance Units; fifteen (15) AIM–9X–2 CATM Units; containers; spares; support equipment and missile support; U.S. Government and contractor technical assistance and other related logistics support; and other associated support equipment and services. The estimated cost was $270.4 million. Major Defense Equipment (MDE) constituted $240 million of this total.

This transmittal reports the addition of five hundred (500) Sidewinder AIM 9X Block II+ (Plus) Tactical Missiles; forty (40) Sidewinder AIM 9X Block II Captive Air Training Missiles (CATMs); three (3) Sidewinder AIM 9X Block II Special Air Training Missiles (NATMS); fifty (50) Sidewinder AIM 9X Block II+ (Plus) Tactical Guidance Units; twenty-five (25) Sidewinder AIM 9X Block II CATM Guidance Units; containers; spares; support equipment and missile support; U.S. Government and contractor technical assistance and other related logistics support; and other associated support equipment and services with a value of $490 million. The total notified cost of MDE will increase to $730 million, and the total notified case value will increase to $840.5 million.

(iv) Significance: This notification is being provided to report the inclusion of MDE items not previously notified. This potential sale will improve the UAE's capability to meet current and future threats and provide greater security for its critical infrastructure. The addition of the Sidewinder AIM 9X Block II+ (Plus) Tactical Missiles represents an increase in capability over what was previously notified. The UAE will use the enhanced capability to strengthen its homeland defense.

(v) Justification: This proposed sale of the Sidewinder AIM 9X Block II+ (Plus) Tactical Missile will support the foreign policy and national security of the United States by helping to improve the security of an important regional partner. The UAE has been, and continues to be, a vital U.S. partner for political stability and economic progress in the Middle East.

(vi) Sensitivity of Technology: The Sidewinder AIM 9X Block II+ (Plus) Tactical Missile represents a substantial increase in missile acquisition and kinematics performance over the AIM–9M and replaces the AIM 9X Block I Missile configuration. The missile includes a high off-boresight seeker, enhanced countermeasure rejection capability, low drag/high angle of attack airframe and the ability to integrate the Helmet Mounted Cueing System. The software algorithms are the most sensitive portions of the Sidewinder AIM 9X Block II+ (Plus) Tactical Missile. The software continues to be modified via a Pre-Planned Product Improvement (P3I) program in order to improve its counter-countermeasure capabilities. No software source code or algorithms will be released. The highest level of classification of information included in this potential sale is SECRET.

(vii) Date Report Delivered to Congress: November 9, 2020.

CONFIRMATION OF AMY CONEY BARRETT

Mr. BURR. Madam President, last month the Senate confirmed the newest Justice to the Supreme Court, Amy Coney Barrett. As members of this body, one of our great privileges and weightiest responsibilities is to fulfill the role of ''advice and consent'' provided in the Constitution to examine and, if merited, confirm the President's nominees. In the case of the Federal judiciary, not only will these nominees out serve many of us in the Senate, their rulings will shape the fabric of our Nation the way that affects generations.

It is with a great understanding of this that I consider judicial nominees and also why I am proud to have been able to vote in support of Justice Barrett's confirmation. Much has been said about her legal abilities and credentials and how she has consistently distinguished herself as a student, a law clerk and practitioner, academic, and judge on the Seventh Circuit Court of Appeals. Yet two characteristics beyond her stellar resume enabled me to decisively cast my vote for her to serve on the Supreme Court of the United States: her respect for the Constitution and her character.

Throughout her career, Justice Barrett has shown she will uphold the Constitution and that she understand the checks and balances that are a part of our democracy. She has stated multiple times that ''It is never appropriate for a judge to impose that judge's personal convictions,'' and her writing and her statements and her opinions for the Seventh Circuit demonstrate her respect for the rule of law; for the responsibilities of the legislative, executive, and judicial branches; and for interpreting the law in accordance with the ''the meaning it had at the time people ratified it.'' This understanding is crucial for judges to ensure that the legislature has its proper role, that the Constitution is followed as written and amended when changes are necessary, and that our system has the proper checks and balances.

With regards to her character, Judge Barrett's career and life demonstrate the kind of person she is. She has received public awards, including the Notre Dame Law School's Distinguished Teaching Award three times, being selected by graduating law students as a professor ''who exhibits excellence in leadership, friendship, legal knowledge, legal teaching, and professional ability.'' She has received the accolade of her fellow clerks on the Supreme Court, including the clerks of the late Justice Ginsburg, who called her ''smart, honorable, and fair-minded.'' She was lauded by fellow professors at Notre Dame as someone who has ''in abundance all of the other qualities that shape extraordinary jurists: discipline, intellect, wisdom, impeccable temperament, and above all, fundamental decency and humanity.'' It goes without saying that these are the qualities of an individual who we want serving on the highest court of our land.

For a lifetime appointment to the Supreme Court, an individual must be the entire package. I am confident that Justice Barrett's credentials, judicial philosophy, and character will serve our Nation well for decades to come, and I am honored to have supported her nomination.

ADDITIONAL STATEMENTS

RECOGNIZING ANNA MARIA OYSTER BAR

● Mr. RUBIO. Madam President, as chairman of the Senate Committee on Small Business and Entrepreneurship, each week I recognize a small business that exemplifies the American entrepreneurial spirit at the heart of our country. It is an honor to recognize a family-owned small business known for its industry leadership and local philanthropy. Today, it is my pleasure to name Anna Maria Oyster Bar of Bradenton, FL, as the Senate Small Business of the Week.

As a student at Clemson University, John Horne spent his summers working at a restaurant on the Florida shore. Drawn to the hospitality industry, John chose to pursue a business degree and establish his own restaurant. After earning his degree, he worked in several hospitality roles, gaining both managerial and front-line experience. John achieved his goal in 1997, opening the original Anna Maria Oyster Bar—AMOB—on the Anna Maria City Pier. Its family-oriented atmosphere and delicious food proved a hit, leading to a second location in 2002.

Twenty years later, Anna Maria Oyster Bar has expanded to four locations in the Bradenton area and has become a local favorite. The business remains family-owned, with John's wife, Amanda, directing marketing and community involvement. Their strong sense of family has built a tight-knit and supportive team that still includes some of their first employees.